OIPE

RAW SEQUENCE LISTING   DATE: 02/03/2003
PATENT APPLICATION: US/09/920,262A   TIME: 18:35:38

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\02032003\I920262A.raw

```
     4 <110> APPLICANT: Shealy, David
     5        Knight, David
     6        Scallon, Bernie
     7        Giles-Komar, Jill
     8        Peritt, David
    10 <120> TITLE OF INVENTION: ANTI-IL-12 ANTIBODIES, COMPOSITIONS, METHODS AND USES
    12 <130> FILE REFERENCE: CEN0248
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/920,262A
C--> 15 <141> CURRENT FILING DATE: 2002-05-06
    17 <150> PRIOR APPLICATION NUMBER: 60/223,358
    18 <151> PRIOR FILING DATE: 2000-08-07
    20 <150> PRIOR APPLICATION NUMBER: 60/236,827
    21 <151> PRIOR FILING DATE: 2000-09-29
    23 <160> NUMBER OF SEQ ID NOS: 15
    25 <170> SOFTWARE: PatentIn Ver 3.1
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    28 <211> LENGTH: 5
    29 <212> TYPE: PRT
    30 <213> ORGANISM: Homo sapiens
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    33 Thr Tyr Trp Leu Gly
    34 1               5
    37 <210> SEQ ID NO: 2
    38 <211> LENGTH: 17
    39 <212> TYPE: PRT
    40 <213> ORGANISM: Homo sapiens
W--> 41 <400> SEQUENCE: 2
    43 Ile Met Ser Pro Val Asp Ser Asp Ile Arg Tyr Ser Pro Ser Phe Gln
    44 1               5                   10                  15
    46 Gly
    49 <210> SEQ ID NO: 3
    50 <211> LENGTH: 10
    51 <212> TYPE: PRT
    52 <213> ORGANISM: Homo sapiens
W--> 53 <400> SEQUENCE: 3
    55 Pro Arg Pro Gly Gln Gly Tyr Phe Asp Phe
    56 1               5                   10
    58 <210> SEQ ID NO: 4
    59 <211> LENGTH: 11
    60 <212> TYPE: PRT
    61 <213> ORGANISM: Homo sapiens
W--> 62 <400> SEQUENCE: 4
    64 Arg Ala Ser Gln Gly Ile Ser Ser Trp Leu Ala
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     65 1                 5                    10
     67 <210> SEQ ID NO: 5
     68 <211> LENGTH: 7
     69 <212> TYPE: PRT
     70 <213> ORGANISM: Homo sapiens
W--> 71 <400> SEQUENCE: 5
     73 Ala Ala Ser Ser Leu Gln Ser
     74 1                 5
     76 <210> SEQ ID NO: 6
     77 <211> LENGTH: 9
     78 <212> TYPE: PRT
     79 <213> ORGANISM: Homo sapiens
W--> 80 <400> SEQUENCE: 6
     82 Gln Gln Tyr Asn Ile Tyr Pro Tyr Thr
     83 1                 5
     85 <210> SEQ ID NO: 7
     86 <211> LENGTH: 119
     87 <212> TYPE: PRT
     88 <213> ORGANISM: Homo sapiens
W--> 89 <400> SEQUENCE: 7
     91 Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu
     92 1                 5                    10                   15
     94 Ser Leu Lys Ile Ser Cys Lys Gly Ser Gly Tyr Ser Phe Thr Thr Tyr
     95             20                    25                   30
     97 Trp Leu Gly Trp Val Arg Gln Met Pro Gly Lys Gly Leu Asp Trp Ile
     98             35                    40                   45
    100 Gly Ile Met Ser Pro Val Asp Ser Asp Ile Arg Tyr Ser Pro Ser Phe
    101         50                    55                   60
    103 Gln Gly Gln Val Thr Met Ser Val Asp Lys Ser Ile Thr Thr Ala Tyr
    104 65                    70                   75                   80
    106 Leu Gln Trp Asn Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys
    107             85                    90                   95
    109 Ala Arg Arg Arg Pro Gly Gln Gly Tyr Phe Asp Phe Trp Gly Gln Gly
    110             100                   105                  110
    112 Thr Leu Val Thr Val Ser Ser
    113         115
    115 <210> SEQ ID NO: 8
    116 <211> LENGTH: 108
    117 <212> TYPE: PRT
    118 <213> ORGANISM: Homo sapiens
W--> 119 <400> SEQUENCE: 8
    121 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
    122 1                 5                    10                   15
    124 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Trp
    125             20                    25                   30
    127 Leu Ala Trp Tyr Gln Gln Lys Pro Glu Lys Ala Pro Lys Ser Leu Ile
    128             35                    40                   45
    130 Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
    131         50                    55                   60
```

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```
133 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
134 65                  70             75                  80
136 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asn Ile Tyr Pro Tyr
137             85                  90                  95
139 Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
140          .  100             105
142 <210> SEQ ID NO: 9
143 <211> LENGTH: 503
144 <212> TYPE: PRT
145 <213> ORGANISM: Homo sapiens
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W--> 146 **<400> SEQUENCE: 9**
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148 Arg Asn Leu Pro Val Ala Thr Pro Asp Pro Gly Met Phe Pro Cys Leu
149 1               5                  10                  15
151 His His Ser Gln Asn Leu Leu Arg Ala Val Ser Asn Met Leu Gln Lys
152             20                  25                  30
154 Ala Arg Gln Thr Leu Glu Phe Tyr Pro Cys Thr Ser Glu Glu Ile Asp
155             35                  40                  45
157 His Glu Asp Ile Thr Lys Asp Lys Thr Ser Thr Val Glu Ala Cys Leu
158     50                  55                  60
160 Pro Leu Glu Leu Thr Lys Asn Glu Ser Cys Leu Asn Ser Arg Glu Thr
161 65                  70                  75                  80
163 Ser Phe Ile Thr Asn Gly Ser Cys Leu Ala Ser Arg Lys Thr Ser Phe
164                 85                  90                  95
166 Met Met Ala Leu Cys Leu Ser Ser Ile Tyr Glu Asp Leu Lys Met Tyr
167             100             105             110
169 Gln Val Glu Phe Lys Thr Met Asn Ala Lys Leu Leu Met Asp Pro Lys
170         115             120             125
172 Arg Gln Ile Phe Leu Asp Gln Asn Met Leu Ala Val Ile Asp Glu Leu
173     130             135             140
175 Met Gln Ala Leu Asn Phe Asn Ser Glu Thr Val Pro Gln Lys Ser Ser
176 145             150             155             160
178 Leu Glu Glu Pro Asp Phe Tyr Lys Thr Lys Ile Lys Leu Cys Ile Leu
179 .               165             170             175
181 Leu His Ala Phe Arg Ile Arg Ala Val Thr Ile Asp Arg Val Met Ser
182             180             185             190
184 Tyr Leu Asn Ala Ser Ile Trp Glu Leu Lys Lys Asp Val Tyr Val Val
185         195             200             205
187 Glu Leu Asp Trp Tyr Pro Asp Ala Pro Gly Glu Met Val Val Leu Thr
188     210             215             220
190 Cys Asp Thr Pro Glu Glu Asp Gly Ile Thr Trp Thr Leu Asp Gln Ser
191 225             230             235             240
193 Ser Glu Val Leu Gly Ser Gly Lys Thr Leu Thr Ile Gln Val Lys Glu
194             245             250             255
196 Phe Gly Asp Ala Gly Gln Tyr Thr Cys His Lys Gly Gly Glu Val Leu
197             260             265             270
199 Ser His Ser Leu Leu Leu Leu His Lys Lys Glu Asp Gly Ile Trp Ser
200         275             280             285
202 Thr Asp Ile Leu Lys Asp Gln Lys Glu Pro Lys Asn Lys Thr Phe Leu
203     290             295             300
```

```
205 Arg Cys Glu Ala Lys Asn Tyr Ser Gly Arg Phe Thr Cys Trp Trp Leu
206 305                 310                 315                 320
208 Thr Thr Ile Ser Thr Asp Leu Thr Phe Ser Val Lys Ser Ser Arg Gly
209                 325                 330                 335
211 Ser Ser Asp Pro Gln Gly Val Thr Cys Gly Ala Ala Thr Leu Ser Ala
212                 340                 345                 350
214 Glu Arg Val Arg Gly Asp Asn Lys Glu Tyr Glu Tyr Ser Val Glu Cys
215             355                 360                 365
217 Gln Glu Asp Ser Ala Cys Pro Ala Ala Glu Glu Ser Leu Pro Ile Glu
218         370                 375                 380
220 Val Met Val Asp Ala Val His Lys Leu Lys Tyr Glu Asn Tyr Thr Ser
221 385                 390                 395                 400
223 Ser Phe Phe Ile Arg Asp Ile Ile Lys Pro Asp Pro Pro Lys Asn Leu
224                 405                 410                 415
226 Gln Leu Lys Pro Leu Lys Asn Ser Arg Gln Val Glu Val Ser Trp Glu
227                 420                 425                 430
229 Tyr Pro Asp Thr Trp Ser Thr Pro His Ser Tyr Phe Ser Leu Thr Phe
230                 435                 440                 445
232 Cys Val Gln Val Gln Gly Lys Ser Lys Arg Glu Lys Lys Asp Arg Val
233         450                 455                 460
235 Phe Thr Asp Lys Thr Ser Ala Thr Val Ile Cys Arg Lys Asn Ala Ser
236 465                 470                 475                 480
238 Ile Ser Val Arg Ala Gln Asp Arg Tyr Tyr Ser Ser Ser Trp Ser Glu
239                 485                 490                 495
241 Trp Ala Ser Val Pro Cys Ser
242                 500
244 <210> SEQ ID NO: 10
245 <211> LENGTH: 15
246 <212> TYPE: DNA
247 <213> ORGANISM: Homo sapiens
W--> 248 <400> SEQUENCE: 10
250  agatatacta tgcac                                                    15
252 <210> SEQ ID NO: 11
253 <211> LENGTH: 51
254 <212> TYPE: DNA
255 <213> ORGANISM: Homo sapiens
W--> 256 <400> SEQUENCE: 11
258  gttatatcat ttgatggaag caataaatac tacgtagact ccgtgaaggg c          51
260 <210> SEQ ID NO: 12
261 <211> LENGTH: 30
262 <212> TYPE: DNA
263 <213> ORGANISM: Homo sapiens
W--> 264 <400> SEQUENCE: 12
266  gaggcccggg gatcgtatgc ttttgatatc                                   30
268 <210> SEQ ID NO: 13
269 <211> LENGTH: 42
270 <212> TYPE: DNA
271 <213> ORGANISM: Homo sapiens
W--> 272 <400> SEQUENCE: 13
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```
   274  ctctcctgca gggccagtca gagtgttagc agctacttag cc                42
   276  <210> SEQ ID NO: 14
   277  <211> LENGTH: 18
   278  <212> TYPE: DNA
   279  <213> ORGANISM: Homo sapiens
W--> 280  <400> SEQUENCE: 14
   282  gatgcatcca acagggcc                                           18
   284  <210> SEQ ID NO: 15
   285  <211> LENGTH: 21
   286  <212> TYPE: DNA
   287  <213> ORGANISM: Homo sapiens
W--> 288  <400> SEQUENCE: 15
   290  cagcagcgta gcaactggcc t                                       21
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VERIFICATION SUMMARY   DATE: 02/03/2003
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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:31 M:283 W: Missing Blank Line separator, <400> field identifier
L:41 M:283 W: Missing Blank Line separator, <400> field identifier
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L:71 M:283 W: Missing Blank Line separator, <400> field identifier
L:80 M:283 W: Missing Blank Line separator, <400> field identifier
L:89 M:283 W: Missing Blank Line separator, <400> field identifier
L:119 M:283 W: Missing Blank Line separator, <400> field identifier
L:146 M:283 W: Missing Blank Line separator, <400> field identifier
L:248 M:283 W: Missing Blank Line separator, <400> field identifier
L:256 M:283 W: Missing Blank Line separator, <400> field identifier
L:264 M:283 W: Missing Blank Line separator, <400> field identifier
L:272 M:283 W: Missing Blank Line separator, <400> field identifier
L:280 M:283 W: Missing Blank Line separator, <400> field identifier
L:288 M:283 W: Missing Blank Line separator, <400> field identifier
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